



# SHIFT REGISTER TRAINER (SISO, SIPO, PISO, PIPO) MODEL - DSR01-04

This trainer has been designed with a view to provide practical and experimental knowledge of different types of shift registers.

## FEATURES

1. The schematic circuit diagram printed on P.C.B. for all terminals, switches, components and power supplies.
2. All ICs provided on sockets and possible to replace without opening the trainer board.
3. All ICs are visible from top and the pin extensions are available around ICs with diagrams.
4. All terminals (2 mm sockets) soldered properly to avoid loose Connections.

## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based regulated Power supply : 0-5 V DC/200 mA.
3. Following parts provided on Single PCB with connecting terminals.
  - Serial In Serial Out Shift register IC : IC 7491 - 1 No.
  - Serial In Parallel Out Shift register IC : IC 7495 - 1 No.
  - Parallel In Serial Out Shift register IC : IC 7495 - 1 No.
  - Parallel In Parallel Out Shift register IC : IC 7495 - 1 No.
4. High /Low switches : 4 Nos provided to apply 0 and 1 level
5. Logic output Indicators : 4 LEDs provided for output level indication.
6. Pulsar Switches : 1 Nos provided.
7. Clear and Load Switches : 1 No each provided.
8. Standard Accessories : User Manual with practical and circuit diagrams.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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